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2 Queue: Volume 6 Issue 3


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3 Communications of the ACM: Volume 52 Issue 4


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Publisher: ACMFull text available: [Digital Edition](#), Pdf (7.58 MB)Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 857, Downloads (12 Months): 1944, Citation Count: 0
4 Content-based multimedia information retrieval: State of the art and challenges
[Michael S. Lew](#), [Nicu Sebe](#), [Chabane Djeraba](#), [Ramesh Jain](#)

February

Transactions on Multimedia Computing, Communications, and Applications (TOMCCAP), Volume 2 Issue 1**Publisher:** ACM [Request Permissions](#)

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Extending beyond the boundaries of science, art, and culture, content-based multimedia information retrieval provides new paradigms and methods for searching through the myriad variety of media all over the world. This survey reviews 100+ recent ...

Keywords: Multimedia information retrieval, audio retrieval, human-computer interaction, image databases, image search, multimedia indexing, video retrieval

5 [Queue: Volume 6 Issue 6](#)



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Publisher: ACM

Full text available: [Digital Edition](#) , Pdf (5.08 MB)

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6 [A formal model of annotations of digital content](#)



[Maristella Agosti](#), [Nicola Ferro](#)

November 2007 **Transactions on Information Systems (TOIS)** , Volume 26 Issue 1

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (759.60 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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This article is a study of the themes and issues concerning the annotation of digital contents, such as textual documents, images, and multimedia documents in general. These digital contents are automatically managed by different kinds of digital library ...

Keywords: Annotation, digital content, digital library system, foundations, hypertext

7 [Scientific Papers](#)

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December 2003 **Technology and Health Care** , Volume 11 Issue 5

Publisher: IOS Press

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

8 [Exploiting Query Repetition and Regularity in an Adaptive Community-Based Web Search Engine](#)

[Barry Smyth](#), [Evelyn Balfe](#), [Jill Freyne](#), [Peter Briggs](#), [Maurice Coyle](#), [Oisín Boydell](#)

January 2005 **User Modeling and User-Adapted Interaction** , Volume 14 Issue 5

Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 29

Search engines continue to struggle with the challenges presented by Web search: vague queries, impatient users and an enormous and rapidly expanding collection of unmoderated, heterogeneous documents all make for an extremely hostile search environment. ...

Keywords: Meta search, Web search, personalization, social search


9 Image retrieval: Ideas, influences, and trends of the new age



Fitendra Datta, Dhiraj Joshi, Jia Li, James Z. Wang

April 2008 **Computing Surveys (CSUR)** , Volume 40 Issue 2

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.81 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 377, Downloads (12 Months): 3223, Citation Count: 36

We have witnessed great interest and a wealth of promise in content-based image retrieval as an emerging technology. While the last decade laid foundation to such promise, it also paved the way for a large number of new techniques and systems, got many ...

Keywords: Content-based image retrieval, annotation, learning, modeling, tagging

10 Economics and Electronic Commerce: Survey and Directions for Research

Robert J. Kauffman, Eric A. Walden

June 2001 **International Journal of Electronic Commerce** , Volume 5 Issue 4

Publisher: M. E. Sharpe, Inc.

Additional Information: [full citation](#), [abstract](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 19

This article reviews the growing body of research on electronic commerce from the perspective of economic analysis. It begins by constructing a new framework for understanding electronic commerce research, then identifies the range of applicable theory ...

Keywords: Analytical Models Economics Economic Theory Electronic Markets Electronic Payments Empirical Models Information Goods Internet Economy Market Structure Software Agents Technology Investments


11 Sensing and using social context



Brett Adams, Dinh Phung, Svetha Venkatesh

November 2008 **Transactions on Multimedia Computing, Communications, and Applications (TOMCCAP)** , Volume 5 Issue 2

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (13.80 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 61, Downloads (12 Months): 373, Citation Count: 0

We present online algorithms to extract social context: Social spheres are labeled locations of significance, represented as convex hulls extracted from GPS traces. Colocation is determined from Bluetooth and GPS to extract social rhythms, patterns in ...

Keywords: Multimedia browsing, social context

12 [Communications of the ACM: Volume 51 Issue 1](#)



January 2008

Communications of the ACM

Publisher: ACM

Full text available: Digital Edition , Pdf (5.97 MB)

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 369, Downloads (12 Months): 3437, Citation Count: 0

13 [Scientific Papers](#)

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December 2001

Technology and Health Care , Volume 9 Issue 6

Publisher: IOS Press

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

14 [A Survey of Information Retrieval Vendors](#)

[Robert J. Kuhns](#)

October 1996

A Survey of Information Retrieval Vendors

Publisher: Sun Microsystems, Inc.

Full text available: Pdf (176.15 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 59, Citation Count: 0

This report is a survey of vendors that develop and market information retrieval technology. The objective of this survey is to provide information for those who want an overview of text retrieval and document management companies, their products, and ...

15 [A framework for web science](#)

[Tim Berners-Lee](#), [Wendy Hall](#), [James A. Hendler](#), [Kieron O'Hara](#), [Nigel Shadbolt](#), [Daniel J. Weitzner](#)

January 2006

Foundations and Trends in Web Science , Volume 1 Issue 1

Publisher: Now Publishers Inc.

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 11

This text sets out a series of approaches to the analysis and synthesis of the World Wide Web, and other web-like information structures. A comprehensive set of research questions is outlined, together with a sub-disciplinary breakdown, emphasising the ...


16 [Meta methods for model sharing in personal information systems](#)



[Stefan Siersdorfer](#), [Sergei Sizov](#)

September **Transactions on Information Systems (TOIS)** , Volume 26 Issue 4
2008

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (509.99
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 380, Citation Count: 0

This article introduces a methodology for automatically organizing document collections into thematic categories for Personal Information Management (PIM) through collaborative sharing of machine learning models in an efficient and privacy-preserving ...

Keywords: Classification, clustering, meta methods, peer-to-peer, personal information management, restrictive methods


17 [Topical web crawlers: Evaluating adaptive algorithms](#)



[Filippo Menczer](#), [Gautam Pant](#), [Padmini Srinivasan](#)

November **Transactions on Internet Technology (TOIT)** , Volume 4 Issue 4
2004

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (679.03
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 311, Citation Count: 18

Topical crawlers are increasingly seen as a way to address the scalability limitations of universal search engines, by distributing the crawling process across users, queries, or even client computers. The context available to such crawlers can guide ...

Keywords: Efficiency, evaluation, evolution, exploitation, exploration, reinforcement learning, topical crawlers

18 [Sourcerer: mining and searching internet-scale software repositories](#)

[Erik Linstead](#), [Sushil Bairyacharya](#), [Trung Ngo](#), [Paul Rigor](#), [Cristina Lopes](#), [Pierre Baldi](#)

April **Data Mining and Knowledge Discovery** , Volume 18 Issue 2
2009

Publisher: Kluwer Academic Publishers

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Large repositories of source code available over the Internet, or within large organizations, create new challenges and opportunities for data mining and statistical machine learning. Here we first develop Sourcerer, an infrastructure for the automated ...

Keywords: Author-topic probabilistic modeling, Code retrieval, Code search, Mining software, Program understanding, Software analysis

- 19 [Information and data in e-science: Making seamless access a reality](#)
[Proceedings of the International Council for Scientific and Technical Information \(ICSTI\) public workshop with support of INIST-CNRS and INSERM, February 3, 2006, Ministry of Research, Carre de Sciences, Paris, France](#)
January 2006 **Information Services and Use** , Volume 26 Issue 1


Publisher: IOS Press

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

- 20 [Multimedia Meets the Internet: Present and Future](#)
[Michael Wynblatt, Dan Benson, Arding Hsu, Felix Bretshneider, Larry Schessel, Graham Howard](#)
July 1997 **Multimedia Tools and Applications** , Volume 5 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Recently maturing technologies for digital multimedia and the Internet exhibit a powerful synergy with the potential to provide a whole range of new applications and tools. Not only do multimedia and Internet technologies offer enhancements to one ...



Keywords: computers and society, computers in publishing, communications applications, multimedia information systems, online information services

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